

## Contents of Volume 3

Volume 3 No. 1 1990

---

ANDRZEJ KIJKO and MARKVARD A. SELLEVOLL / Estimation of Earthquake Hazard Parameters for Incomplete and Uncertain Data Files	1
C. S. OLIVEIRA, A. C. COSTA, V. H. FORJAZ, and J. C. NUNES / Seismic Hazard Analysis in Zones of Time and Space Interdependence: An Application to São Miguel Island, Azores	15
A. BASILI, P. FAVALI, G. SCALERA, and G. SMRIGLIO / An Attempt to Evaluate Seismic Hazard in Central-Southern Italy	31
J. E. PAPOULIA and G. N. STAVRAKAKIS / Attenuation Laws and Seismic Hazard Assessment	49
A. BERNARD and W. I. ROSE, Jr. / The Injection of Sulfuric Acid Aerosols in the Stratosphere by the El Chichón Volcano and its Related Hazards to the International Air Traffic	59
SHOUKRI N. MESSIEH and MOHAMMED I. EL-SABH / The Marine Killers: Dinoflagellates in Estuarine and Coastal Waters	69
<i>Hazards Forum:</i>	
SHERRY D. OAKS and STEPHEN O. BENDER / Hazard Reduction and Everyday Life: Opportunities for Integration During the Decade for Natural Disaster Reduction	87
Meeting Reports	91
<i>Book Review:</i>	
G. W. Housner: <i>Coping with Natural Disasters: The International Decade for Natural Disaster Reduction</i> (R. D. ADAMS)	95
Recent Publications	97
Natural Hazards Chronicle	101
Announcements	107

---

VLADIMÍR SCHENK, FRANTIŠEK MANTLÍK, MICHAIL N. ZHIZHIN, and ALEXEY G. TUMARKIN / Relation Between Macro seismic Intensity and Instrumental Parameters of Strong Motions – A Statistical Approach	111
H. LANGER / Input Parameters for Estimating Seismic Loading	125
B. C. PAPA ZACHOS, CH. A. PAPA IOANNOV, D. J. PAPA STAMATIOU, B. N. MARGARIS, and N. P. THEODULIDIS / On the Reliability of Different Methods of Seismic Hazard Assessment in Greece	141
D. MICHAILOV, R. GLAVCHEVA, S. DINEVA, S. ELENKOV, and B. KONSTANTINOV / Influence of Local Geological Conditions on the Macro seismic Effects in the Town of Strazhitza	153
G. R. DARGAHI-NOUBARY / Seismic Hazard Assessment Using the Theory of Records	161
D. PROCHÁZKOVÁ, B. GUTERCH, A. KIJKO, and H. LEWANDOWSKA / Earthquake Hazard of the Northern Parts of the Bohemian Massif and Western Carpathians	173
S. L. SOLOVIEV / Tsunami genic Zones in the Mediterranean Sea	183

*Book Reviews:*

J. F. Lander and P. A. Lockridge: <i>United States Tsunamis (including United States possessions), 1690–1988</i> (S. L. SOLOVIEV)	203
S. W. A. Gunn: <i>Multilingual Dictionary of Disaster Medicine and International Relief</i> (M. ESSAAFI)	204
David R. Godschalk, David J. Brower, and Timothy Beatley: <i>Catastrophic Coastal Storms, Hazard Mitigation and Development Management</i> (EVE GRUNTFEST)	205
Recent Publications	207
Natural Hazards Chronicle	209
Announcements	213

---

B. C. E. EGBOKA, G. I. NWANKWOR, and I. P. ORAJAKA / Implications of Palaeo- and Neotectonics in Gully Erosion-Prone Areas of Southeastern Nigeria	219
--	-----

# CONTENTS OF VOLUME 2

ARISTOTELES VERGARA MUÑOZ / Some Aspects of the Seismic Hazard in Panama City	233
N. MANDRESCU / Data Concerning Seismic Risk Evaluation in Romania	249
ELEONORA SPÂNOCHE / Studies on the Contribution of Some Geological Factors to Seismic Hazard	261
S. S. SEIDUZOVA, A. F. BERR, and N. N. YANKOVSKAYA / Estimation of Seismic Hazard with Allowance for Noncircular Isoseismals of Arbitrary Orientation	265
PAUL W. BURTON / Pathways to Seismic Hazard Evaluation: Extreme and Characteristic Earthquakes in Areas of Low and High Seismicity	275
SIASI KOCIAJ and ARBEN PITARKA / A Check-up on Seismic Hazard Assessment: Tirana Case Study	293
LUMINIȚA ARDELEANU and VICTORIA OANCEA / Amplitude Domain Analysis for the 30 August 1986 Vrancea Intermediate Earthquake	305
Meeting Reports	315
Natural Hazards Chronicle	323
Announcements	327

## Volume 3 No. 4 1990

---

CLAUDE JACCARD / Fuzzy Factorial Analysis of Snow Avalanches	329
DOUGLAS G. MOSE, GEORGE W. MUSHRUSH, and CHARLES E. CHROSNIAK / Reliability of Inexpensive Charcoal and Alpha-Track Radon Monitors	341
JOHN-PAUL MULILIS, T. SHELLEY DUVAL, and RICHARD LIPPA / The Effects of a Large Destructive Local Earthquake on Earthquake Preparedness as Assessed by an Earthquake Preparedness Scale	357
G. BRENT DALRYMPLE and JOHN P. LOCKWOOD / $^{40}\text{Ar}/^{39}\text{Ar}$ Laser Probe Evidence Concerning the Age and Associated Hazards of the Lake Nyos Maar, Cameroon	373
GAZI MD. KHALIL / Floods in Bangladesh: A Question of Disciplining the Rivers	379
PATRICIA A. LOCKRIDGE / Nonseismic Phenomena in the Generation and Augmentation of Tsunamis	403

*Letter to the Editor:*

- R. F. HENRY and T. S. MURTY / Relevance of Data Dossiers for Storm-Surge Prediction 413

*Hazards Forum:*

- PHILIPPE L. BOULLE / Will the 1990s be a Decade of Increasingly Destructive Natural Disasters? 419
- Natural Hazards Chronicle 423
- Recent Publications 427
- A Note of Thanks 429
- Index of Names to Volume 3 431
- Index of Keywords to Volume 3 433

